

# Building our business by helping you build yours.

*The more you look at East, the more one overriding strength becomes clear.*

*East is an investment in superior quality and value that proves itself, day after day, where it counts most – in a better bottom line.*

*It comes from the East equipment, and the way each model is engineered and built. Since 1968, East has been dedicated to making sure you have the best in class. You have the top value going in...the highest resale value coming out.*

*It comes from our innovative leadership, which keeps East equipment out front for others to follow. Ideas for greater efficiency, strength and durability – East puts them to work for you first.*

*And it comes from the depth of support you get. East dealers are among the best in the industry at helping match equipment to needs...and you get the most out of it. Together with us at East, they offer you the knowledge, financial options and service backup that help make businesses run better.*

*At East, the bottom line is this: we've always figured that the more we add to your success, the more you'll continue to look to us for equipment answers. So everything we do must prove to give you the best quality and value...and the best return. We win when you win.*



## ***East 5-year limited warranty.***

An East trailer starts with materials that exceed most industry standards. Our goal is to build to the highest level of craftsmanship. When we put the East name on a trailer, we stand behind it. We always have...and we put that promise **in writing** so you can be assured of prompt action if you need it.

We want our customers to be as satisfied with our service as they are with our trailers. A nationwide network of East distributors is qualified and trained to live up to high standards for service, repair and parts availability.



*We sandblast, prime and coat our steel components with a baked-on paint. The process produces a durable, attractive finish that resists corrosion.*

**East Manufacturing Corp.**  
1871 St. Rt. 44, P.O. Box 277  
Randolph, OH 44265  
(330) 325-9921 Fax: (330) 325-7851  
888-405-3278 [www.eastmfg.com](http://www.eastmfg.com)



5M/03-04

## ***The East dump trailer and body line.***

All East aluminum dump trailers and bodies are available in traditional sheet-and-post sidewall style, or in the aerodynamic Genesis™ style.



*Frame dump trailers*



*Michigan series dump trailers*



*Steel dump bodies*



*Quad dump trailers*



*Straight truck dump bodies*

**Distributed by:**

## **East® Frameless Dump Trailer**



***The ideal balance  
of strength, weight  
and design for  
optimum payload.***





# **EAST** The most cost-effective frameless dump you can buy.

You have a profit center in your East aluminum frameless dump trailer. It can make you a lot of money. For three simple reasons.

First, you get optimal payload potential per trip. Haul more, make more.

Second, you lower your cost of operation. You won't eat up your earnings with downtime and repair. Our limited five-year warranty backs the heavy-duty strength in every aluminum frameless trailer we make for you.

Third, East trailers have a reputation for quality that brings a higher resale value.

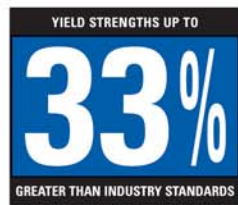
In other words, our trailers are simply built to last. So whether you choose the traditional sheet-and-post style, or our new Genesis smooth-side, an East frameless dump is one of the most cost-effective trailers you can buy.

## **Premium payload profits.**

With a 39-ft. East aluminum frameless trailer, you can legally haul up to 27 tons of payload per trip, rivaling round-bottom trailers, but with all the benefits of a square-bottom trailer. That's earning power you can bank on – without paying a penalty in strength.

## **Premium-grade aluminum.**

By using only high-quality aluminum alloys for all aluminum components, East trailers give you yield strengths that are up to 33% greater than industry standards. The result is a trailer with the built-in strength to resist twisting, flexing and bending.



*Traditional sheet-and-post body style.*

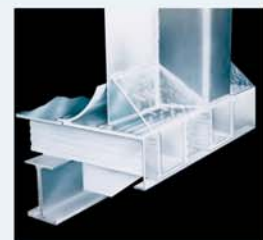
## **Premium commitment.**

East stands behind every trailer with a commitment...to you and your business. That's why we stock most East parts, ready for shipment. And why we maintain a 24-bay, state-of-the-art service department, with full wreck-repair capability. And why we've formed partnerships with a nationwide network of first-class dealers who share our commitment to keep you running with the nearby parts and service you need.

## **Premium innovation.**

Twenty-five years ago East pioneered the frameless aluminum trailer. Today, we've done it again with the introduction of the aerodynamic Genesis™ smooth-side body style. For trailer innovations that improve your return on investment, look to East to continue to lead the industry.

### **Traditional sheet-and-post**



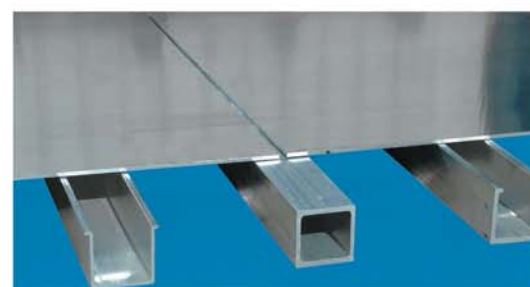
**Z-section design offers greater strength and faster dumping.** Side wall posts and sheets are welded directly to the bottom rail. Then dirt-shedding wedge plates and a clean-dumping inside radius are added. This strong interlocking Z-section reduces the possibility of cracking at the critical floor-to-side wall joint.



**Strong side walls resist deflection.** A full-length boxed top rail interlocks with the side sheets and side posts. All outside joints are continuously welded for greater load-bearing strength and durability.



**Tough tailgate.** 90° wall joints are continuously welded (not stitch welded) to five different structural members. Maximizes strength-to-weight ratio and joint integrity.



**Five cross-member designs for longer floor life.** Floor seams supported by solid-box extruded cross-members. Remaining U-shaped cross-members have special contact point flanges for extra support, and position welds away from high-stress areas.

### **Genesis™ patented smooth-side**



**Advanced wall-to-floor construction.** Unique system secures the critical point for trailer strength – the welded union of cross-members, floor plates and side walls. Cross-members and floor plates interlock into the bottom rub rail, which in turn forms a pocket to accept the side wall panels, for a super strong floor-to-wall attachment joint.



**Stronger side walls than sheet-and-post.** Patented double-wall panels are 2" thick. Internal ribs every 3" offer 8 times more wall support than traditional external posts. Continuously welded vertical panels resist side bow, and are easily repaired.



**Optional Lightweight, smooth-walled tailgate.** Less weight without sacrificing strength or durability. Smooth surface leaves nowhere for dirt, mud, snow, and ice to build up.

**Premium grade aluminum floors.** Built of 5083 H321 aluminum alloy for higher yield strength.



**More strength, less stress doghouse.** Doghouse connects to an under-support system of U-shaped channels fastened and gusseted at critical torsion points. Stress is transmitted to neutral areas of the side walls, virtually eliminating stress cracks.



**Better control and handling.** Patent-pending crowned upper coupler and replaceable saddle receiver assembly stop side-to-side shifting during turns. This means less stress and wear on draft arms, greater trailer control, better handling, and reduced tare weight.

**Wired for protection.** Sealed wire harness enclosed in water-resistant rear panel. Watertight conduit and sealed beam lamps complete the system, resulting in fewer corrosion-related lighting problems.



**Tougher tailgate hardware.** Top hinges and bottom hook and latch are cast from ductile steel and powder coated for long life. Each has protected grease fittings for easy maintenance. Bolt-on design for easy replacement – no cutting or welding.

**Galvanic corrosion resistance.** Steel tailgate pins are shrouded with stainless steel. Mylar gaskets protect steel-to-aluminum connections.



**Aluminum suspension hanger option.** East LITE-RIDE™ integrated weld-on aluminum suspension hanger is 330 lbs. lighter than steel. Rust-free patent-pending option tested as strong as current steel hanger designs.



## **The future, taking shape.**

The results of computer analysis, laboratory and field testing are in: the new Genesis aerodynamic trailer design is miles ahead.

- Unique 2" thick double-wall extruded aluminum panels are robotically welded together vertically for superior strength and resistance to bowing.
- Patented double-wall design protects the outer wall from dents, improving resale value.
- Vertical panels are lighter than competitive horizontal panel systems, resist bowing better, and are much less expensive to repair if damaged.
- Superior dump cycle stability – the entire integrated trailer body resists weight shifting and twisting that can lead to tipping.
- The 3" spacing of interior panel ribs gives 8 times more wall support than external posts positioned every 25". The inside walls stay flatter, creating fewer high points that accelerate wear.
- Optional thicker aluminum in higher wear areas, like the inside last 4 feet of the trailer.
- Smooth side walls can be left polished as they come from the factory or used as the base for company names, logos, and attention-grabbing graphics.